

Converting Colors

XYZ(85.5992, 94.4405, 92.5008)

Have a look what the booklet for XYZ(85.5992, 94.4405, 92.5008) contains.

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Color

**XYZ(85.7173, 94.5994,
92.3390)**

Conversions

Conversions Part 1

Format	Color
Hex	EFFDEB
RGB	239, 253, 235
RGB Percent	94%, 99%, 92%
CMY	0.0627, 0.0078, 0.0784
CMYK	0.06, 0.00, 0.07, 0.01
HSL	107°, 82%, 96%
HSV	107°, 7%, 99%
XYZ	85.7173, 94.5994, 92.3390
YIQ	246.7620, -2.5660, -8.5660

Conversions

Conversions Part 2

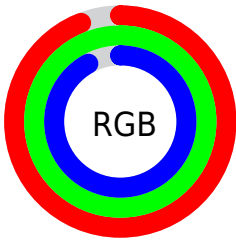
Format	Color
R _{YB}	235, 253, 249
Decimal	15728107
CIE Lab	97.87, -7.76, 7.02
CIE LCh	98, 10.465, 137.845
Yxy	94.5994, 0.3144, 0.3470
Android (android.graphics.Color)	4293918187 (0xFFEFFDEB)
YUV	246.7620, -5.7987, -6.8073
Hunter-Lab	97.2622, -12.8967, 11.7947

Details

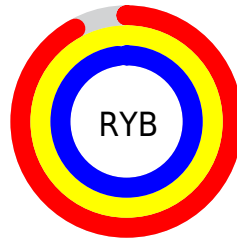
The XYZ color **85.7173, 94.5994, 92.3390** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **86.5085, 86.6508, 105.0991**, and the grayscale version is **88.2641, 92.8607, 101.1253**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.4050, 52.8018, 50.3411** is the 20% darker color. If you saturate the color by 10%, you get **76.0331, 90.0025, 74.1427**, and if you desaturate by 10%, it is **94.4171, 98.7342, 108.6890**.

Distribution



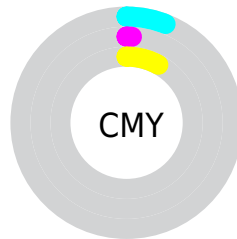
- Red (94%)
- Green (99%)
- Blue (92%)



- Red (92%)
- Yellow (99%)
- Blue (98%)



- Cyan (6%)
- Magenta (0%)
- Yellow (7%)
- Black (1%)



- Cyan (6%)
- Magenta (1%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.7173, 94.5994, 92.3390 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 85.7173, 94.5994, 92.3390 by changing the saturation by 10% instead.

85.7173, 94.5994,
92.3390

85.7173, 94.5994,
92.3390

502.4466,
542.8817, 556.3757

64.7587, 71.8016,
69.3376

140.2838,
153.7110, 152.5469

47.5294, 52.9966,
50.5133

174.6224,
190.7937, 190.5906

33.6641, 37.8001,
35.4474

214.1517,
233.4067, 234.4853

22.7973, 25.8276,
23.7214

259.2371,
281.9345, 284.6499

14.5638, 16.6947,
14.9168

310.2439,
336.7616, 341.5026

8.5981, 10.0170,
8.6150

367.5376,

4.5350, 5.4103,

398.2722, 405.4621

4.3976

431.4833,
466.8508, 476.9470

■ 2.0090, 2.4899,
1.8459

■ 0.6390, 0.8716,
0.4580

■ 85.7173, 94.5994,
92.3390

■ 85.7173, 94.5994,
92.3390

■ 76.0331, 90.0025,
74.1427

94.4171, 98.7342,
108.6890

■ 67.5448, 85.9618,
58.6003

■ 60.2074, 82.4596,
45.5895

■ 53.9699, 79.4726,
34.9763

■ 48.7776, 76.9755,
26.6139

■ 44.5705, 74.9412,
20.3398

■ 41.2823, 73.3394,
15.9695

■ 38.8378, 72.1361,
13.2861

■ 37.1464, 71.2906,
12.0122

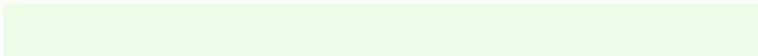
Harmonies

Analogous

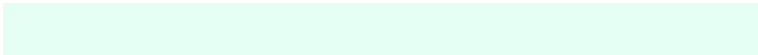
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.1629, 94.5994, 88.1060



85.7173, 94.5994, 92.3390



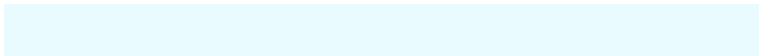
84.4079, 94.5994, 99.5734

Triad

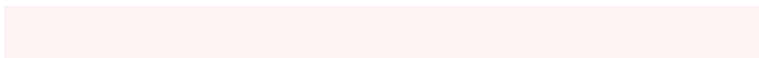
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.7173, 94.5994, 92.3390



88.7084, 94.5994, 119.9583



95.5003, 94.5994, 98.0371

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



85.7173, 94.5994, 92.3390



86.5085, 86.6508, 105.0991

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.6542, 94.5994, 106.5098



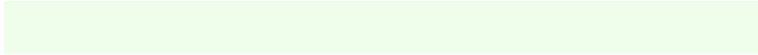
85.7173, 94.5994, 92.3390



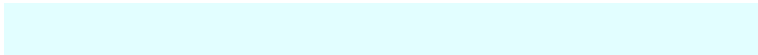
91.6879, 94.5994, 119.4904

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



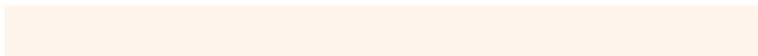
85.7173, 94.5994, 92.3390



86.1090, 94.5994, 115.7023



94.2453, 94.5994, 114.4572



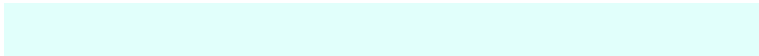
93.8293, 94.5994, 91.2681

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.7173, 94.5994, 92.3390



84.3359, 94.5994, 105.2674



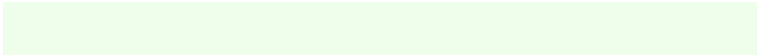
94.2453, 94.5994, 114.4572



95.7325, 94.5994, 100.7707

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



85.7199, 94.6035, 92.3411



92.7952, 98.9312, 104.5651



89.3212, 94.5128, 92.1338



19.8856, 21.1866, 22.4266



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.7199, 94.6035, 92.3411



85.3073, 95.3791, 90.2950



85.0876, 94.1962, 95.9818



18.1489, 20.3627, 19.1182



19.6603, 37.8733, 6.2741



2.0030, 3.7333, 0.6150

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



86.5085, 86.6508, 105.0991



86.3097, 85.2672, 106.5169



87.1940, 87.0915, 101.1883



18.3747, 18.0849, 22.7722



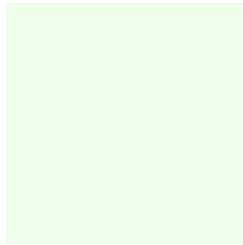
21.7825, 10.1398, 50.2437



2.2134, 1.0350, 4.8964

Previews

White Background



This preview shows how the XYZ color 85.7173, 94.5994, 92.3390 looks on a white background.

Color Contrast Check

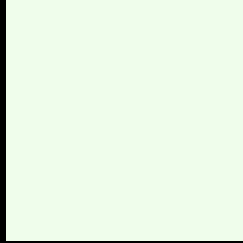
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 85.7173, 94.5994, 92.3390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

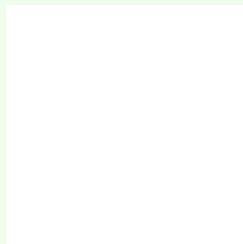
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.7173, 94.5994, 92.3390

Background



This preview shows how black text looks on a background with the XYZ color 85.7173, 94.5994, 92.3390.



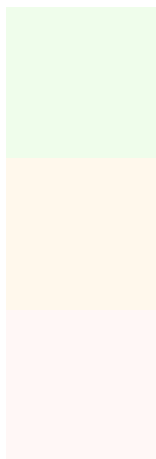
This preview shows how white text looks on a background with the XYZ color 85.7173, 94.5994,

92.3390.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

85.7173, 94.5994, 92.3390

Protanopia

89.9477, 94.4509, 92.8470

Deuteranopia

91.1353, 94.4353, 100.6133

Tritanopia

90.2835, 94.7455, 108.1370

Trichromacy



Original Color

85.7173, 94.5994, 92.3390

Protanomaly

88.3929, 94.5671, 92.9514

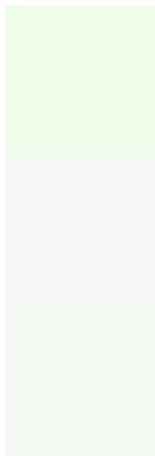
Deuteranomaly

88.9696, 94.3019, 97.5173

Tritanomaly

88.4371, 94.3816, 102.3633

Monochromacy



Original Color

85.7173, 94.5994, 92.3390

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

87.3616, 93.4555, 98.2283

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.7173, 94.5994, 92.3390 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(239, 253, 235)` looks like.

```
.text, #text, p{  
    color:rgb(239, 253, 235)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(239, 253, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 253, 235) }
```

Border

The CSS property to change the border of an element to XYZ 85.7173, 94.5994, 92.3390 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(239, 253, 235) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(239, 253, 235) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(239, 253, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 253, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 253, 235);  
box-shadow:4px 4px 4px 4px rgb(239, 253,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 85.7173, 94.5994, 92.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 253, 235) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(239,  
253, 235) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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